



GREATER LOWELL TECHNICAL HIGH SCHOOL

Respect • Effort • Accountability • Commitment • Honesty

Mission Statement

Greater Lowell Technical High School commits to ensure students' *readiness for career, college, and citizenship* in the 21st century. We challenge and support students as they realize their individual potential for personal and professional success.

INFORMATION SHEET

Visit us at www.gltech.org

CAMPUS AND FACILITY

- ❖ 72-acre campus located on the Tyngsborough/Lowell line adjacent to Vesper Country Club
- ❖ 512,000 square foot state-of-the-art facility
 - 27,000 square foot new cafeteria and food service area
 - 13 state-of-the-art science labs
 - Library Media Center
 - Gymnasium and swimming pool
 - New Gryphon Athletic Complex with multi-sport athletic turf field and 8-lane 400-meter track

DIVERSE STUDENT POPULATION

- ❖ 48.0% Female, 51.0% Male, 1.0% Non-Binary
- ❖ 6.9% African American, 3.3% Multi-Race, 18.5% Asian, 34.8% Hispanic, 36.5% White, 0.2% Native American or Alaskan, and 0.0% Native Hawaiian or Other Pacific Islander
- ❖ 23.9% First Language not English, 16.4% Students with Disabilities, 51.8% Low Income, and 63.1% High Needs

PROGRAM OF STUDIES (ANTICIPATED – PLEASE REVIEW THE PROGRAM OF STUDIES FOR COURSE-SPECIFIC INFORMATION)

- ❖ College Preparatory: English, Health, Mathematics, Physical Education, Science, Social Studies
- ❖ College Preparatory: (online) Chinese, French, German, and Spanish
- ❖ Honors: English, Mathematics, Science and Social Studies
- ❖ Dual Enrollment: Chemistry I and II, Child and Adolescent Development, Engineering Economics, Engineering Ethics, English Composition I and II, Precalculus I and II, Introduction to Engineering, Introduction to Moderate Disabilities, Introduction to Psychology, and Technology and Digital Literacy in the Classroom
- ❖ AP: Biology, Calculus AB, Computer Science A, Computer Science Principles, English Language & Composition, English Literature & Composition, Environmental Science, Physics, Research, Seminar, Statistics, and Studio Art)
- ❖ Project Lead The Way – 9 courses

24 VOCATIONAL TECHNICAL PROGRAM MAJORS

Construction

- ❖ Carpentry
- ❖ Electrical
- ❖ HVAC-R
- ❖ Masonry
- ❖ Painting and Design
- ❖ Plumbing

Technology/Allied Health

- ❖ Design & Visual Communications
- ❖ Graphic Communications
- ❖ Health Assisting/Pre-Nursing
- ❖ Information Technology Services
- ❖ Medical Laboratory & Assisting
- ❖ Veterinary Technology (pending DESE approval)

Personal Services

- ❖ Cosmetology
- ❖ Culinary Arts
- ❖ Early Childhood Education
- ❖ Hotel, Restaurant, and Tourism
- ❖ Marketing Education

Transportation and Manufacturing

- ❖ Advanced Manufacturing Technology
- ❖ Automotive Collision Repair & Refinishing
- ❖ Automotive Technology
- ❖ Computer Aided Drafting & Design
- ❖ Electronics Technology
- ❖ Engineering Technology
- ❖ Metal Fabrication & Joining Technologies

COOPERATIVE EDUCATION

- ❖ 205 out of 553 seniors (37% of class) employed on co-op in paid internship positions as of November 30, 2023
- ❖ 34% of the Class of 2023 graduated on co-op
- ❖ 47.5% of the Class of 2023 participated in co-op

ATHLETICS

❖ Interscholastic Athletic Participation

- Fall - 520 students; Winter - 417 students; and Spring - 507 students

Fall Sports

- ❖ Cheerleading
- ❖ Competitive Dance
- ❖ Football
- ❖ Boys Cross Country
- ❖ Girls Cross Country
- ❖ Field Hockey
- ❖ Golf
- ❖ Boys Soccer
- ❖ Girls Soccer
- ❖ Girls Volleyball
- ❖ Unified Basketball

Winter Sports

- ❖ Boys Basketball
- ❖ Girls Basketball
- ❖ Cheerleading
- ❖ Competitive Dance
- ❖ Ice Hockey *
- ❖ Boys Indoor Track
- ❖ Girls Indoor Track
- ❖ Swimming (*co-ed*)
- ❖ Wrestling

Spring Sports

- ❖ Baseball
- ❖ Softball
- ❖ Boys Lacrosse
- ❖ Girls Lacrosse
- ❖ Tennis (*co-ed*)
- ❖ Boys Track & Field
- ❖ Girls Track & Field
- ❖ Boys Volleyball

*Cooperative Team with Greater Lawrence Technical School and Nashoba Valley Technical High School

STUDENT ACTIVITIES

- ❖ Student of the Month Program recognizes exceptional effort to apply our CORE Values in all aspects of life.
- ❖ Caught Doing Good Program recognizes hundreds of students each year who represent our CORE Values.
- ❖ Over 360 students participated in Community Service Learning during the 2022-2023 School Year.
- ❖ Over 750 students participated in clubs and activities during the 2022-2023 school year, including but not limited to:
 - Anime
 - Art
 - Competitive Gaming
 - Dance
 - Drama
 - Educators Rising
 - Environmental/Green
 - Freshman Class Planning Committee
 - Gender Sexuality Alliance
 - G.U.I.D.E.D.
 - Junior Class Planning Committee
 - Math
 - Music
 - National Association of Biology Teachers BioClub
 - National Technical Honor Society/National Honor Society
 - Outing
 - Peer Mentoring
 - Peer Tutors
 - Robotics
 - Senior Class Planning Committee
 - SkillsUSA and SkillsUSA Freshman Program
 - Sophomore Class Planning Committee
 - Student Council
 - Yearbook
- ❖ National Honor Society/National Technical Honor Society inducted 87 new members to bring the total 2022-2023 membership to 133 students.
- ❖ Greater Lowell is a SkillsUSA Total Participation School.
 - SkillsUSA's mission is to empower members to become world-class workers, leaders and responsible citizens through the development of personal, workplace, and technical skills grounded in academics.
 - For 8 consecutive years, Greater Lowell has been honored as a SkillsUSA Gold Chapter of Distinction and National Model of Excellence.
 - SkillsUSA Competitions allow students to demonstrate skills at the local, district, state, and national level.
 - During the 2022-2023 school year:
 - 1,734 students participated in In-house level technical competitions.
 - 225 students qualified for District-level technical competitions achieving 49 medals and honors (15 gold, 18 silver, 16 bronze).
 - 75 students represented our school on the State level in technical, leadership and occupationally related competitions achieving 18 medals (7 gold, 3 silver, 8 bronze).
 - 1 Student was elected to serve as MA SkillsUSA State Vice President and Representative to the SkillsUSA MA, Inc. Board of Directors.
 - 11 students qualified to represent Greater Lowell at the SkillsUSA National Competition in Atlanta, GA., achieving the following awards/honors:
 - 1 National Medal and 5 top 10 qualifiers (1st Place, Principles of Engineering Technology; 4th Place, 3D Visualization/Animation (team of 2); 8th Place Employment Application Portfolio/Process; 10th Place, Robotics Urban Search and Rescue (team of 2).
 - 3 National Voting Delegates, 2 National Presenters, and 6 Skillpoint Industry Certifications.
 - National Model of Excellence/Gold Chapter of Distinction.